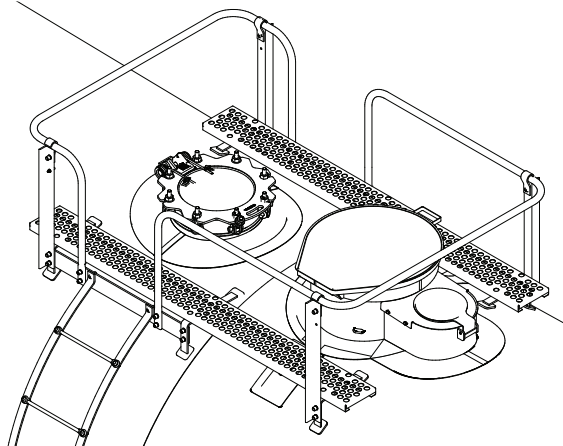
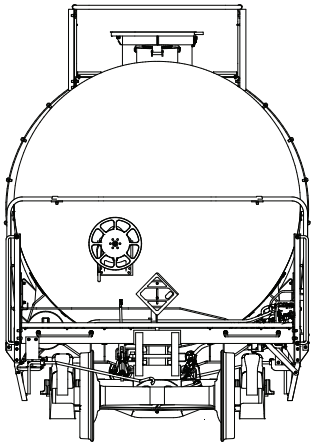
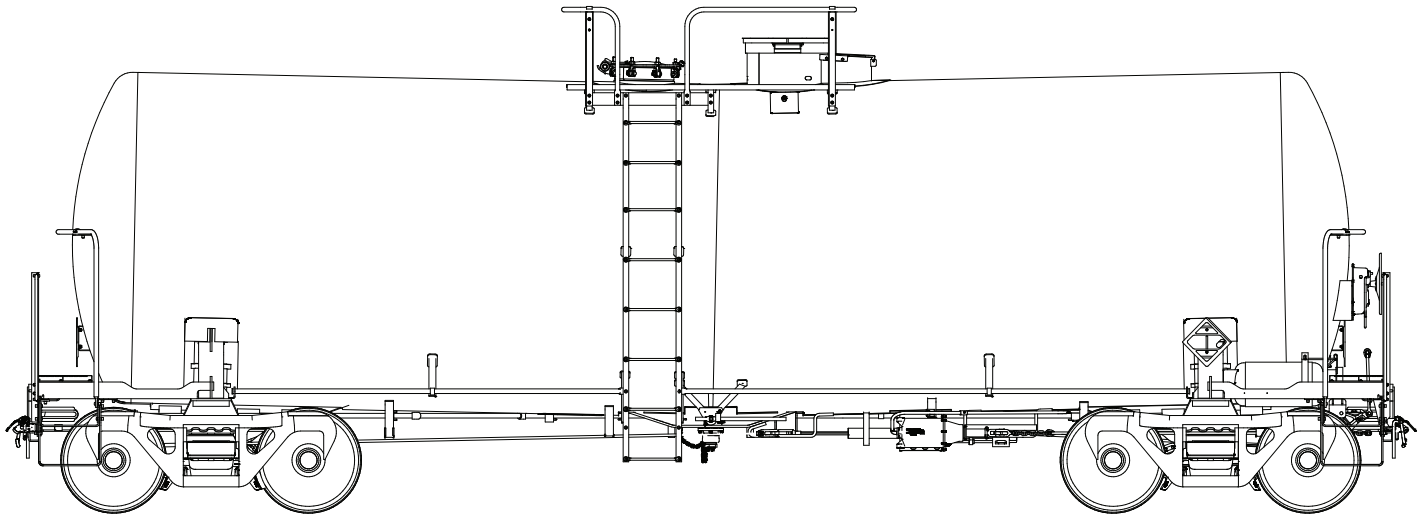


17,700 GALLON CAUSTIC SODA TANK CAR



17,700 GALLON CAUSTIC SODA TANK CAR

This 17,700 gallon (US) coiled and insulated tank car has been designed with a 286,000 lb gross rail load for the transportation of sodium hydroxide (caustic soda), potassium hydroxide and other like commodities. The car is equipped with a 20-inch, eight (8) bolt manway, and a 165 psi pressure relief valve. Top fittings consisting of 2- and 3-inch valves and options for a thermowell, sample line, and MGD to accommodate closed system loading and unloading. The bottom outlet is a full port, steam jacketed 4-inch ball valve. This car is fitted with 8 run exterior heating coils and 4 inch thick fiberglass insulation. Various options for loading/unloading valve configurations are available depending on the service requirements.

DIMENSIONS (APPROX.)

GALLON CAPACITY	17,700 GALLONS
LENGTH OVER PULLING FACES	43' 5 1/2"
LENGTH BETWEEN TRUCK CENTERS	29' 11"
HEIGHT, EXTREME	15' 1"
SLOPE, TANK	1/4" PER FOOT
WIDTH, EXTREME	10' 7 7/16"
TANK, OUTSIDE DIAMETER	9' 3 1/8"
TANK, LENGTH	37' 5 5/8"
CLEARANCE	PLATE B

WEIGHT/CAPACITY (EST.)

LIGHT WEIGHT	65,750 LBS
GROS RAIL LOAD	286,000 LBS
LOAD LIMIT	220,250 LBS
NOMINAL CAPACITY	17,702 GALLONS

CURVE NEGOTIABILITY RADIUS

CURVE RADIUS UNCOUPLED	150'
CURVE RADIUS COUPLED TO LIKE CAR	150'
CURVE RADIUS COUPLED TO BASE CAR	154'

DESIGNED AND BUILT TO AAR SPECIFICATION FOR M-1002; DOT SPECIFICATION: DOT 111A100W1

THESE GENERAL DIMENSIONS ARE REPRESENTATIVE AND SUBJECT TO CHANGE WITHOUT NOTICE AS REQUIRED BY CUSTOMER SPECIFICATIONS OR DESIGN IMPROVEMENTS BY THE GREENBRIER COS.